

Results of Comprehensive Asbestos Survey

(January, 2004)

Asbestos containing materials (ACM) have been found in virtually all of the mechanical spaces, A-E penthouses, B-basement, animal bedding facility mechanical spaces, and support buildings (102, 103, 104, 105 and 106). The only exceptions are the E1 interstitial, building 105 expansion facility and building 107. F-module, MRI and building 108 were not included in this survey, because of the time frame in which they were constructed.

Total Bulk Samples Collected - 3998
Total Positive Identified Samples - 832

The majority of the ACM was found in the mastic layers and identified as chrysotile asbestos.

A- Penthouse **124 positive samples/197 total samples**

Percent Composition: 3-12% Chrysotile Asbestos

Material Description: Beige and brown mastic
White caulking

Animal Bedding Facility (ABF) **14 positive samples/185 total samples**

Percent Composition: 4-15% Chrysotile Asbestos

Material Description: Beige, white, silver and rust colored mastics
White caulking

B-Penthouse **9 positive samples/18 total samples**

Percent Composition: 10-15% Chrysotile Asbestos

Material Description: Beige mastic
White caulking

C, D & E-Penthouses **26 positive samples/300 total samples**

Percent Composition: 3-10% Chrysotile Asbestos

Material Description: Beige, white, brown, tan, black and red mastics

B-Basement **82 positive samples/730 total samples**

Percent Composition: 2-10% Chrysotile Asbestos

Material Description: Beige, white, brown, and red mastics
White, brown and gray caulking
Light brown sealant
Soft silver sealant

C-Basement - C4 Interstitials 214 positive samples/674 total samples

Percent Composition: 2-20% Chrysotile Asbestos

Material Description: Beige, white, brown, silver, and black mastics

White caulking

Dark caulking

Hard Surface caulking

D-Basement - D4 Interstitials 101 positive samples/835 total samples

Percent Composition: 3-10% Chrysotile Asbestos

Material Description: Beige, silver, and brown mastics

Hard white caulking

Dark caulking

White mud

NOTE: D-Basement was abated during 6/03. Floor penetrations with white caulking remaining.

E-Basement, E2-E4 Interstitials 40 positive samples/471 total samples

Percent Composition: 2-20% Chrysotile Asbestos

Material Description: White, silver and brown mastics

Hard white caulking

Dark caulking

NOTE: E-Basement was abated during 6/03. One floor penetration with white caulking remaining.

Building 102 50 positive samples/167 total samples

Percent Composition: 2-20% Chrysotile Asbestos

Material Description: Beige, silver, and white mastics

Sink coatings (locksmith shop and S152 break room)

Building 103 5 positive samples/13 total samples

Percent Composition: 5% Chrysotile Asbestos

Material Description: White mastic

Building 104 5 positive samples/35 total samples

Percent Composition: 8-30% Chrysotile Asbestos

Material Description: Beige mastic

White rope gasket

Building 105 **102 positive samples/248 total samples**

Percent Composition: 2-75% Chrysotile Asbestos

Material Description: Beige mastic

Water box gaskets (Boilers 1 & 2)

Access door gaskets (Boilers 1 & 2)

Port gaskets (Boilers 1 & 2)

Cast iron pipe gaskets

Thermal system insulation (Around Boilers 1 & 2)

NOTE: Portions of building 105 central utility plant (EPA tie-ins) were abated (8/02) by an EPA asbestos abatement contractor.

Building 106 **60 positive samples/125 total samples**

Percent Composition: 3-80% Chrysotile Asbestos

Material Description: Beige mastic

White caulking

Incinerator door gasket

Floor tile mastic